

BIOCHEMISTRY

2009-2010

Department of Biology
255 Biology Life Sciences Building
(215) 204-8851
Chairperson: Dr. Shohreh Amini
Faculty Advisor: Dr. Frank Chang
www.temple.edu/biology

Department of Chemistry
130 Beury Hall
(215) 204-7118
Acting Chairperson: Dr. Robert Levis
Faculty Advisor: Dr. Robert Stanley
www.temple.edu/chemistry

Name: _____ **TU ID:** _____

Bachelor of Science

Recommended Sequence of Major Courses:

- Calculus I: Math 1041 _____
- General Chemistry I: Chem 1031 _____
- General Chemistry Lab I: Chem 1033 _____
- Introduction to Biology: Bio 1111 _____
- Calculus II: Math 1042 _____
- General Chemistry II: Chem 1032 _____
- General Chemistry Lab II: Chem 1034 _____

- Introduction to Biology: Bio 2112 _____
- Organic Chemistry I: 2201 _____
- Organic Chemistry Lab I: 2203 _____
- General Physics I: Physics 2021^F [or Physics 1061] _____
- Genetics: Bio 2203^S _____
- Organic Chemistry II: 2202 _____
- Organic Chemistry Lab II: 2204 _____
- General Physics II: Physics 2022^S [or Physics 1062] _____

- Calculus III: Math 2043 _____
- Cell Structure and Function: Bio 3096^F _____
- Techniques of Chemical Measurement: Chem 3103 _____
- Introduction to Chemical Research Techniques: Chem 3105 _____
- Biochemistry I: Chem 4401^S _____
- Physical Chemistry Lecture I: Chem 3301 _____

- Biochemistry II: Bio 4376^F _____
- Molecular Biology: Bio 3324^F _____
- Research Techniques in Biochemistry: Bio 4344^S _____
- Biochemistry Elective* _____
- Biochemistry Elective* _____

CST Credit Requirements:

A minimum of **123** total credits

A minimum of **45** Upper Level (UL) within
CST/CLA (College of Science & Technology/College of Liberal Arts)

A minimum of **90** credits within CST/CLA

- Please remember you must schedule an appointment for an official **graduation review** when you reach 90 completed credits.

Math Placement Results: Math 0701 Math 0702 Math 1021 Math 1022 Math 1041

NOTES:

^F = Fall Only ^S = Spring Only

Students must check the pre- and co-requisites for all courses before registering.

*Please refer to the bulletin for elective options at
http://www.temple.edu/bulletin/Academic_programs/academic_programs.shtm

The Undergraduate bulletin is the official source of major requirements at www.temple.edu/bulletin

Suggested Courses:

Appt Date: __/__/__ Time: __: __
1810 Liacouras Walk, Suite 203

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised on June 4, 2008

University Requirements

Appropriate University Curriculum: Gen Ed Freshman Traditional Core Core 45+ Core-to-Core

Gen Ed Curriculum

For Freshman Beginning Fall 2008 and after:

- Analytical Reading and Writing _____
- Mosaic I _____
- Mosaic II _____
- Quantitative Literacy _____
- Arts _____
- Human Behavior _____
- U.S. Society _____
- World Society _____
- Race and Diversity _____
- Science and Technology _____
- Science and Technology _____

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Note: Gen Ed curriculum applies to all newly admitted freshman in Fall 2008 or after and for all transfer students admitted Fall 2010 and after.

Core Curriculum

For transfers entering from Fall 2008 through Spring 2010 with 45 or fewer credits.

Traditional Core:

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Foreign Language 2nd level* _____
- Foreign Language 3rd level* _____
- International Studies* _____
- International Studies* _____
- Science and Technology (SA) _____
- Science and Technology (SB/GS) _____
- Quantitative Reasoning (QA/GQ) _____
- Quantitative Reasoning (QB/GQ) _____
- Intellectual Heritage 0851 _____
- Intellectual Heritage 0852 _____
- Writing Intensive Elective _____
- Writing Intensive Elective _____
- Writing Intensive in Major _____

* **B.S.**

2 International Studies (IS/GG) or
2nd level of a language + 1 IS/GG or
3rd level of a language or Exemption^

* **B.A.**

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

English Placement Results:

English 701/711 English 802/812 Exempt

Foreign Language Placement Results:

_____ 1001 1002 1003 Exempt

All transfer students are required to complete the **Library Skills Test (TILT)** online at www.library.temple.edu.

Please consult with your assigned academic advisor if you have questions about the university curriculum you should be following.

The Undergraduate bulletin is the official source of University core or general education requirements at www.temple.edu/bulletin.

Revised Date: _____
Advisor Initials: _____

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Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Core 45+:

For students receiving 45 or more credits in transfer.

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Science and Technology (SA or SB) _____
- Quantitative Reasoning (QA or QB) _____
- Intellectual Heritage 0851 or 0852 _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____
- Foreign Language 2nd level** _____
- Foreign Language 3rd level** _____
- International Studies** _____
- International Studies** _____

** **B.S.**

1 International Studies (IS/GG) or
2nd level of a language/Exempt^

** **B.A.**

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

Core-to-Core:

For students who have completed an approved Associate's degree from a college that has an established transfer agreement.

- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____

B.A.—Must follow the traditional core foreign language/IS/GG requirements